

# IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

## Declaration and Power of Attorney

As the below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled METHOD FOR IMPROVED PERFORMANCE AND REDUCED BANDWIDTH CHANNEL STATE INFORMATION FEEDBACK IN COMMUNICATION SYSTEMS the specification of which was filed on June 25, 2003, as application Serial No. 10/603,290.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by an amendment, if any, specifically referred to in this oath or declaration.

I acknowledge the duty to disclose all information known to me which is material to patentability as defined in Title 37, Code of Federal Regulations, 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

### None

I hereby claim the benefit under Title 35, United States Code, 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, 112, I acknowledge the duty to disclose all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

### None

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

I hereby appoint the following attorney(s) with full power of substitution and revocation, to prosecute said application, to make alterations and amendments therein, to receive the patent, and to transact all business in the Patent and Trademark Office connected therewith:

Kenneth M. Brown	(Reg. No. 37590)
Donald P. Dinella	(Reg. No. 39961)
Martin I. Finston	(Reg. No. 31613)
Barry H. Freedman	(Reg. No. 26166)
Julio A. Garceran	(Reg. No. 37138)
Jimmy Goo	(Reg. No. 36528)
Stephen M. Gurey	(Reg. No. 27336)
David W. Herring, Jr.	(Reg. No. P-51069)
Matthew J. Hodulik	(Reg. No. 36164)
Michael B. Johannesen	(Reg. No. 35557)
Irena Lager	(Reg. No. 39260)
John B. MacIntyre	(Reg. No. 41170)
Christopher N. Malvone	(Reg. No. 34866)
John F. McCabe	(Reg. No. 42854)
Gregory J. Murgia	(Reg. No. 41209)
Neil R. Ormos	(Reg. No. 35309)
Eugene J. Rosenthal	(Reg. No. 36658)
Bruce S. Schneider	(Reg. No. 27949)
Ozer M. N. Teitelbaum	(Reg. No. 36698)
Jeffrey M. Weinick	(Reg. No. 36304)

I hereby appoint the attorney(s) on ATTACHMENT A as associate attorney(s) in the aforementioned application, with full power solely to prosecute said application, to make alterations and amendments therein, to receive the patent, and to transact all business in the Patent and Trademark Office connected with the prosecution of said application. No other powers are granted to such associate attorney(s) and such associate attorney(s) are specifically denied any power of substitution or revocation.

Full name of 1st joint inve	entor: Achilles G. Kogiantis		
Inventor's signature		Date	
Residence: Madison, Ne	ew Jersey		
Citizenship: Greece			
Post Office Address:	318 Main Street, Apt. 12 Madison, New Jersey 07940		
Full name of 2nd joint inv Inventor's signature	ventor: <b>Aris L. Moustakas</b>	Date	
Residence: New York, N			
Residence. New York, IV	11		
Citizenship: Greece			
Post Office Address:	180 Riverside Blvd. Apt. 25D New York, NY 10069		

Full name of 3rd joint inventor: Lawrence H. Ozarow

Inventor's signature		Date	
Residence: Morris Tow	nship, NJ		
Citizenship: USA			
Post Office Address:	28 Sunderland Drive		

Morris Township, NJ 07960

Full name of 4th joint inventor: Steven H. Simon

Inventor's signature Date 6/29/03

Residence: Hoboken, NJ

Citizenship: USA

Post Office Address: 86 Park Avenue

Apt. 3N

Hoboken, NJ 07030

## **ATTACHMENT A**

Attorney Name(s):	Claude R. Narcisse, Esq.	Reg. No.:	38,979
Telephone calls sho	ould be made to Greenberg Trac	urig, LLP at:	
Phone No.:	212.801.3190		
Fax No.:	212.688.2449		

All written communications are to be addressed to:

Greenberg Traurig, LLP 885 Third Avenue New York, NY 10022



# IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

## Declaration and Power of Attorney

As the below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled **METHOD FOR IMPROVED PERFORMANCE AND REDUCED BANDWIDTH CHANNEL STATE INFORMATION FEEDBACK IN COMMUNICATION SYSTEMS** the specification of which was filed on June 25, 2003, as application Serial No. 10/603,290.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by an amendment, if any, specifically referred to in this oath or declaration.

I acknowledge the duty to disclose all information known to me which is material to patentability as defined in Title 37, Code of Federal Regulations, 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

#### None

I hereby claim the benefit under Title 35, United States Code, 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, 112, I acknowledge the duty to disclose all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

### None

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

I hereby appoint the following attorney(s) with full power of substitution and revocation, to prosecute said application, to make alterations and amendments therein, to receive the patent, and to transact all business in the Patent and Trademark Office connected therewith:

Kenneth M. Brown	(Reg. No. 37590)
Donald P. Dinella	(Reg. No. 39961)
Martin I. Finston	(Reg. No. 31613)
Barry H. Freedman	(Reg. No. 26166)
Julio A. Garceran	(Reg. No. 37138)
Jimmy Goo	(Reg. No. 36528)
Stephen M. Gurey	(Reg. No. 27336)
David W. Herring, Jr.	(Reg. No. P-51069)
Matthew J. Hodulik	(Reg. No. 36164)
Michael B. Johannesen	(Reg. No. 35557)
Irena Lager	(Reg. No. 39260)
John B. MacIntyre	(Reg. No. 41170)
Christopher N. Malvone	(Reg. No. 34866)
John F. McCabe	(Reg. No. 42854)
Gregory J. Murgia	(Reg. No. 41209)
Neil R. Ormos	(Reg. No. 35309)
Eugene J. Rosenthal	(Reg. No. 36658)
Bruce S. Schneider	(Reg. No. 27949)
Ozer M. N. Teitelbaum	(Reg. No. 36698)
Jeffrey M. Weinick	(Reg. No. 36304)

I hereby appoint the attorney(s) on ATTACHMENT A as associate attorney(s) in the aforementioned application, with full power solely to prosecute said application, to make alterations and amendments therein, to receive the patent, and to transact all business in the Patent and Trademark Office connected with the prosecution of said application. No other powers are granted to such associate attorney(s) and such associate attorney(s) are specifically denied any power of substitution or revocation.

ruli name oi	ist joint inventor.	Acillies	G. Nogianus
		- 1	_
	11	7	

Inventor's

signature\_

Date 6-23-03

Residence: Madison/New Jersey

Citizenship: Greece

Post Office Address:

318 Main Street, Apt. 12

Madison, New Jersey 07940

Full name of 2nd joint inventor: Aris L. Moustakas

Inventor's

signature\_

Date 7-8-2003

Residence: New York, NY

Citizenship: Greece

Post Office Address:

180 Riverside Blvd.

Apt. 25D

New York, NY 10069

Full name of 3rd joint inventor:	Lawrence H. Ozarow
----------------------------------	--------------------

Inventor's Lawren	ce Il Carow	Date_	6/23/03
Residence: Morris Tow	nship, NJ		
Citizenship: USA			
Post Office Address:	28 Sunderland Drive Morris Township, NJ 07960		
Full name of 4th joint inv	ventor: Steven H. Simon		
Inventor's signature		Date_	
Residence: Hoboken, N	IJ		
Citizenship: USA			
Post Office Address:	86 Park Avenue Apt. 3N Hoboken, NJ 07030		

## **ATTACHMENT A**

Attorney Name(s):	Claude R. Narcisse, Esq.	Reg. No.:	38,979
Telephone calls sho	ould be made to Greenberg Trau	rig, LLP at:	
Phone No.:	212.801.3190		
Fax No.:	212.688.2449		

All written communications are to be addressed to:

Greenberg Traurig, LLP 885 Third Avenue New York, NY 10022